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(54) Augmentation-index determining apparatus and arteriosclerosis inspecting apparatus

(57) An augmentation-index determining apparatus (10), including a cuff (12), a cuff-pressure changing device (16,18,24,50), a pulse-wave extracting device (28), means (54) for determining the times of occurrence of the peak points of the incident and reflected wave com-

ponents during cuff-pressures higher than the systolic blood pressure, and lower than the mean blood pressure of the subject, and means (56) for determining an augmentation-index based on the magnitudes and times of occurrence of the determined peaks.

FIG. 1A

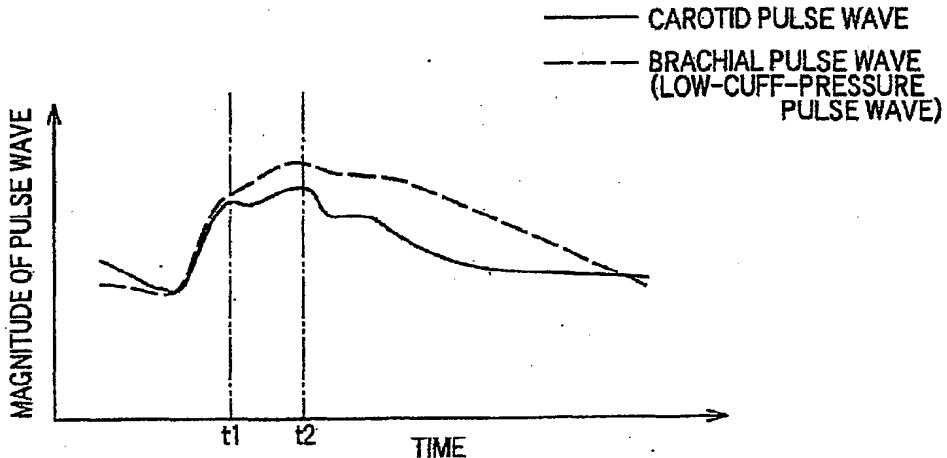
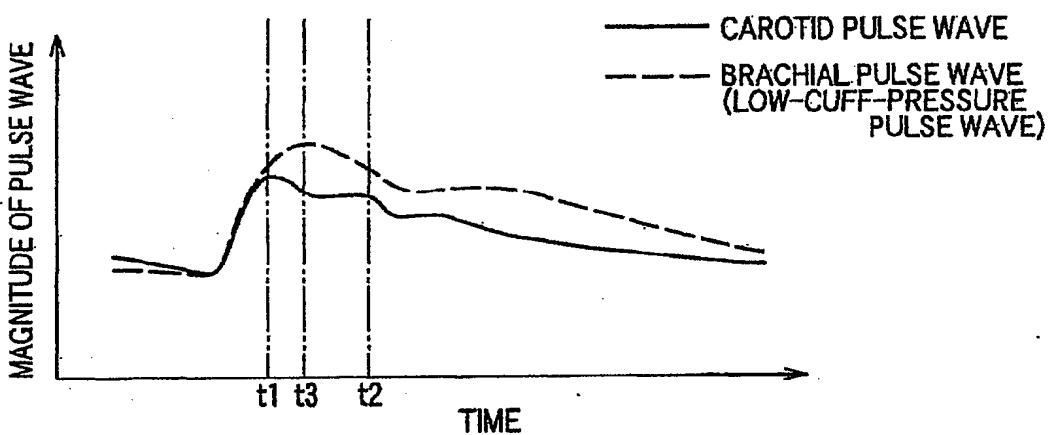


FIG. 1B





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EUROPEAN SEARCH REPORT

Application Number
EP 02 02 0450

DOCUMENTS CONSIDERED TO BE RELEVANT																											
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)																								
A	<p>DATABASE MEDLINE [Online] US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; September 1995 (1995-09) TAKAZAWA K ET AL: "Underestimation of vasodilator effects of nitroglycerin by upper limb blood pressure." Database accession no. NLM7649592 XP002247098 * abstract * & HYPERTENSION. UNITED STATES SEP 1995, vol. 26, no. 3, September 1995 (1995-09), pages 520-523, ISSN: 0194-911X</p> <p>---</p> <p>US 6 283 922 B1 (GOTO MASAMI ET AL) 4 September 2001 (2001-09-04) * figure 1 *</p> <p>---</p> <p>WO 90 11043 A (EASTERN MEDICAL TESTING SERVIC) 4 October 1990 (1990-10-04) * Abstract *</p> <p>-----</p>	1-8	A61B5/022 A61B5/0205																								
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)																								
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<p>The present search report has been drawn up for all claims</p> <table border="1"> <tr> <td>Place of search</td> <td>Date of completion of the search</td> <td>Examiner</td> </tr> <tr> <td>MUNICH</td> <td>10 July 2003</td> <td>Edward, V</td> </tr> <tr> <td colspan="3">CATEGORY OF CITED DOCUMENTS</td> </tr> <tr> <td>X : particularly relevant if taken alone</td> <td colspan="2">T : theory or principle underlying the invention</td> </tr> <tr> <td>Y : particularly relevant if combined with another document of the same category</td> <td colspan="2">E : earlier patent document, but published on, or after the filing date</td> </tr> <tr> <td>A : technological background</td> <td colspan="2">D : document cited in the application</td> </tr> <tr> <td>O : non-written disclosure</td> <td colspan="2">L : document cited for other reasons</td> </tr> <tr> <td>P : intermediate document</td> <td colspan="2">& : member of the same patent family, corresponding document</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	MUNICH	10 July 2003	Edward, V	CATEGORY OF CITED DOCUMENTS			X : particularly relevant if taken alone	T : theory or principle underlying the invention		Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date		A : technological background	D : document cited in the application		O : non-written disclosure	L : document cited for other reasons		P : intermediate document	& : member of the same patent family, corresponding document	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 02 0450

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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